SOLEUSAIR®

Powered by GREE

ENERGY STAR

SG-DEH-30-2 (DP2-30-03)
SG-DEH-45-2 (DP2-45-03)
SG-DEH-70-2 (DP2-70-03)

Portable Dehumidifier
Operating Instructions

eco-friendly

SOLEUSAIR®

Powered by GREE

Thank you for choosing a Soleus Air Powered by Gree Portable Dehumidifier. This owner's manual will provide you with valuable information necessary for the proper care and maintenance of your new product. Please take a few moments to thoroughly read the instructions and familiarize yourself with all the operational aspects of your new Dehumidifier.

For your own records, please attach a copy of your sales receipt to this manual. Also, write the store name/location, date purchased, and serial number below:

Store Name: _____

Location: _____

Date Purchased: _____

Serial Number (located on back of unit): _____

IMPORTANT INSTRUCTIONS

Before installing and using your dehumidifier, please read this owner's manual carefully. Store this manual in a safe place for future reference.

1) Always place the unit on a level surface.
2) Never use or store gasoline or other flammable vapor or liquid near this unit unless instructed by this manual.
3) Maintain at least 12-18 inches clearance space around this unit (at least 40" for the exhaust on the side). Do not block or cover air inlet or outlet grilles.
4) The unit must be connected to a correctly grounded power supply.
5) Do not start or stop the unit by inserting or pulling out the power plug.
6) Do not use an adapter plug or extension cord.
7) Do not use the unit in the immediate surroundings of a bath, a shower or a swimming pool.
8) Do not insert anything into the air outlet. Do not obstruct air inlet or outlet grills unless instructed by this manual.
9) Do not let children play near this unit.
10) Always inspect the cord for signs of damage before use. If the power cord is damaged, it must be replaced by the manufacturer or a qualified service technician.
11) When cleaning the unit, always turn the unit off and unplug the power cord.

PACKAGE CONTENTS

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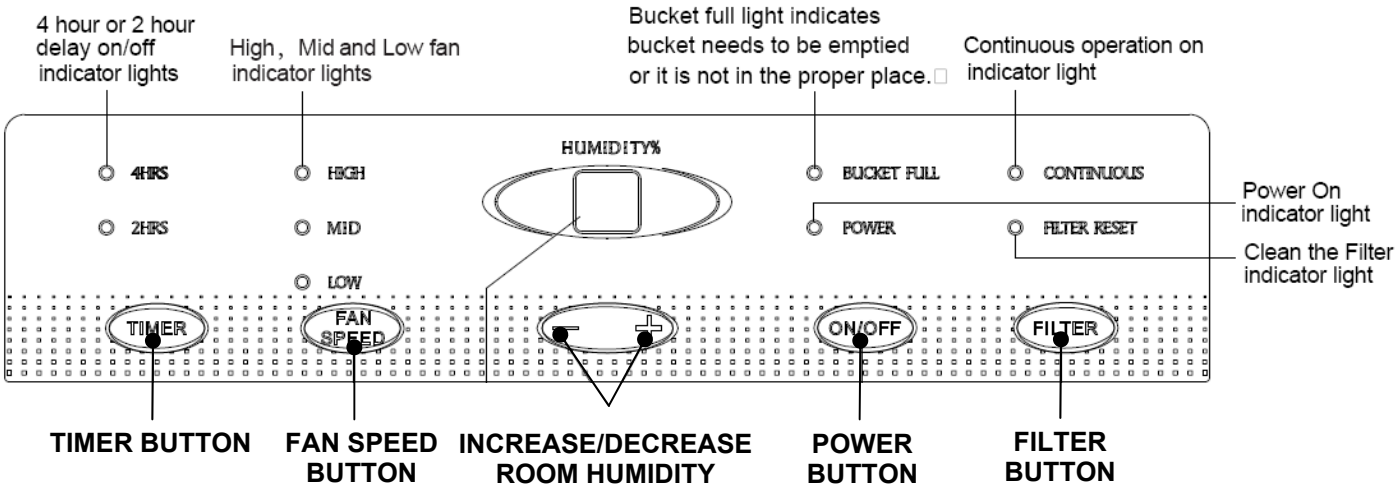
SPECIFICATIONS

- Noise level is measured at a distance of 3.28 ft away from the front of the unit.
- Power consumption is measured when the fan runs at the highest speed setting.
- These specifications are for reference only. For actual data, please refer to the rating label on the back of the unit.

Model Number **Reference Number**	**SG-DEH-30-2** **DP2-30-03**	**SG-DEH-45-2** **DP2-45-03**	**SG-DEH-70-2** **DP2-70-03**
Dehumidifying Capacity	30 Pints per day	45 Pints per day	70 Pints per day
Power Consumption (Watts)	400 Watts	600 Watts	765 Watts
Air Flow Volume (High/Med/Low)	190 / 170 / 150 CFM	190 / 170 / 150 CFM	208 / 191 / 156 CFM
Power Source	115 V / 60 HZ	115 V / 60 HZ	115 V / 60 HZ
Rated Current (Amps)	3.6A	5.4A	7.3A
Sound Pressure Level (max)	49 dB (A)	49 dB (A)	49 dB (A)
Product Weight	33.08 lbs	35.28 lbs	45.2 lbs
Product Dimensions (W x D x H)	13.5” x 10.25” x 19.25”	13.5” x 10.25” x 19.25”	15.125” x 11.125” x 24.125”
Energy Star	Yes	Yes	Yes

CONTROL PANEL & DIGITAL DISPLAY



OPERATING INSTRUCTIONS

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1) When first operating the dehumidifier, run it in Continuous mode for 24 hours.

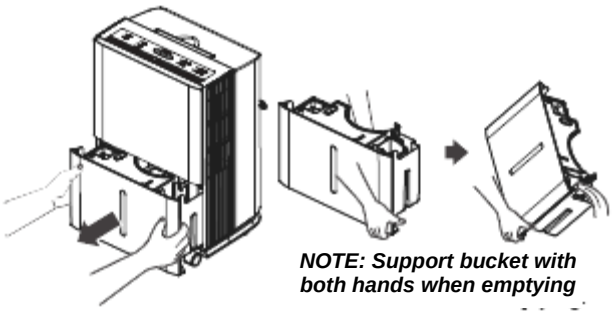
2) **Power On and Off** - Press the **POWER** button once to manually turn the unit on. Press the **POWER** button once more to turn the unit off.

3) **Humidity Selection** - Press the **"+"** or **"-"** buttons to choose the desired relative humidity in the room. Each press of the button will change the desired room humidity by 5%. The room humidity is selectable from 35%-80% or continuous. The unit will cycle on and off to maintain the humidity level chosen on the digital display. If you want the dehumidifier to operate continuously regardless of the room humidity, press the (**-**) buttons until you see "**CO**" on the digital display. This will enable **continuous operation** and the "**Continue**" indicator will light up on the control panel.

4) **Fan Speed Control** - Press the **FAN SPEED** Button to cycle through the different fan speeds: **High, Medium, and low**. The fan speed can be visually distinguished by the fan speed indicators on the control panel.

5) **Timer** - To program the unit to automatically turn off, press the **TIMER** button when the unit is on. You can select either 2 or 4 hours with the Timer. Once the desired time (2 or 4 hours) is over, the unit will automatically shut down.

6) **Bucket Full** - When the water bucket is full of water, the unit will automatically shut off , make a beeping noise, and the **Bucket Full Indicator** will light up. The dehumidifier will not function until the water bucket is emptied and placed back inside the unit. The bucket should be cleaned every few weeks to prevent the growth of mold, mildew and bacteria. Use a mild detergent to clean the bucket. Once clean, completely dry the bucket and place it back inside the dehumidifier.

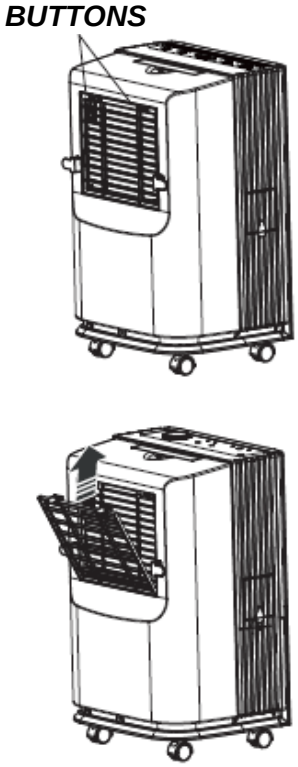


NOTE: Support bucket with both hands when emptying

NOTE: When the bucket is full or removed from the machine, the compressor will turn off, but the fan will continue to run for a few minutes. This is completely normal. The dehumidifier will not be removing moisture from the air at this time.

OPERATING INSTRUCTIONS

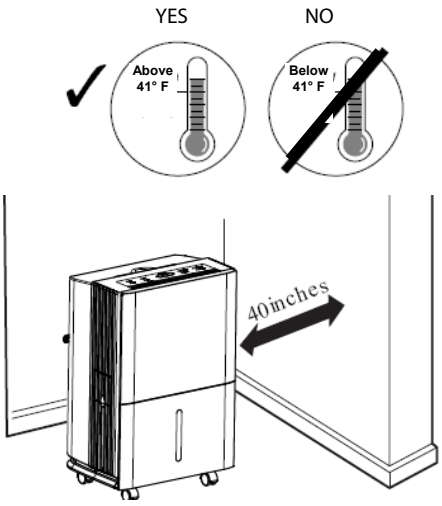
7) **Clean Filter** - When the filter needs to be cleaned the filter indicator will light up (after 250 hours of use). Remove the filter from the back of the unit by pressing the two buttons on top of the filter. Clean the filter with warm, soapy water. Dry thoroughly before replacing the filter. Once the filter is completely dry, place the filter back in the unit and press the **FILTER** button to reset the filter indicator.
If the filter is torn or unusable, order a new filter by calling our customer service.
CAUTION: DO NOT OPERATE THE DEHUMIDIFIER WITHOUT THE INCLUDED FILTER



NOTE: Do not clean filter in dishwasher

CHOOSING A LOCATION

A Dehumidifier operating in a basement will have little no effect in drying out an adjacent enclosed storage area, such as a closet,unless there is adequate circulation of air in and out of the area.



- Do not use outdoors
- This dehumidifier is intended for indoor residential applications only. This unit should not be used for commercial or industrial applications
- Place the dehumidifier on a smooth , level floor surface that is strong enough to support the unit with a full bucket of water.
- Allow at least 12"-18" of air flow on all sides and at least 40" for the exhaust side.
- Place the dehumidifier in an area where the temperature will not fall below 41°F. The coils can become covered with frost at temperatures below 41°F, which may reduce performance
- Use the dehumidifier in cooking, laundry, bathing and dishwashing areas that have excessive moisture. NOTE: Place the dehumidifier away from a clothes dryer.
- Use the dehumidifier to prevent moisture damage anywhere books or valuables are stored.
- Use the dehumidifier in a basement to help prevent moisture damage.
- The dehumidifier must be operated in an enclosed area to be most effective.
- Close all doors, windows and other outside openings to the room.

AUTOMATIC DEFROST

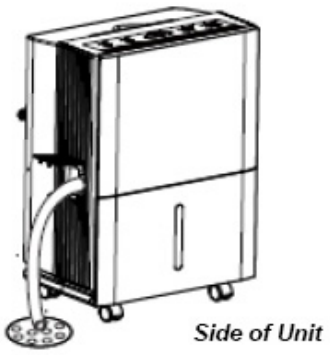
When frost builds up on the evaporator coils, the compressor will cycle off and the fan will continue to run until the frost disappears. When the coils is completely defrosted, the compressor or fan (depending on the model) will automatically restart and dehumidification will resume.

CONTINUOUS DRAINAGE HOSE

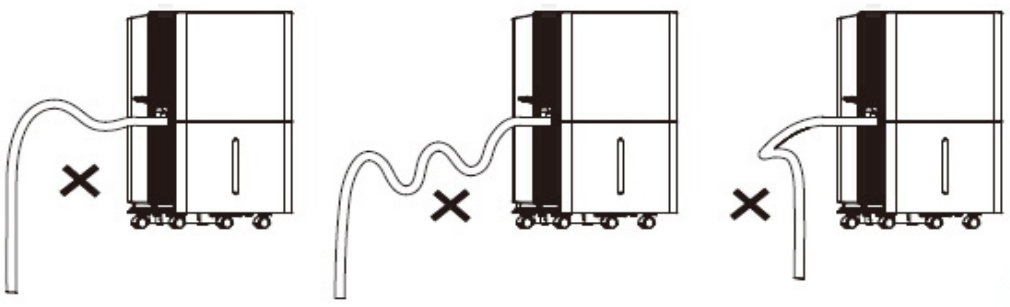
Water can be automatically emptied by attaching a hose to the continuous drainage port on the side of the dehumidifier. This will allow the unit to run continuously (depending on the selected humidity level) without having to empty the water bucket. To drain, simply attach a standard garden hose (not included).

- Remove the bucket from the front of the unit.
- Open the drain cover on the side of the dehumidifier.
- Thread a garden hose (not supplied) onto the nozzle, cut to length and lead to the floor drain.
- Replace the bucket in the dehumidifier.

NOTE: The bucket must be in place and securely seated for the dehumidifier to operate.



ATTENTION: When using continuous drainage option, make sure the garden hose is clear of any obstructions and drains directly downward (Fig.1). Any kinks or turns in the hose will result in improper drainage



TROUBLESHOOTING

Problem	Possible Causes	Solutions
Dehumidifier does not start	The dehumidifier is unplugged.	Make sure the dehumidifier's plug is pushed completely into the outlet.
	The fuse is blown / circuit breaker is tripped.	Check the house fuse / circuit breaker box and replace fuse or reset breaker.
	Dehumidifier has reached its present level or the bucket is full.	The dehumidifier automatically turns off when either condition occurs. Change to a lower setting or empty the water bucket and replace properly.
	Bucket is not in the proper position.	The bucket must be in place and securely seated for the dehumidifier to operate.
	Power Failure.	There is a protective time delay (up to 3 min.) to prevent tripping of the compressor overload. For this reason, the unit may not start normal dehumidification for 3 min. after it is powered back on.
Dehumidifier does not dry the air as it should	Not enough time allowed for unit to remove moisture.	When first installed, allow at least 24 hours to maintain the desired dryness.
	Airflow is restricted.	Make sure there are no curtains, blinds, or furniture blocking the front or back of the dehumidifier. See the **Choosing a Location** section on **Page 7**.
	Dirty filter.	See the **Clean Filter** section on **Page 6**.
	The Humidity Control may not be set low enough.	For drier air, press the "**-**" button to lower the percent humidity desired in the room, or set the dehumidifier to **CO** for maximum dehumidification.
	Doors and windows may not be closed tightly.	Check that all doors, windows, and other openings are securely closed.
	Clothes dryer may be blowing moist air into the room.	Install the dehumidifier away from the dryer. The dryer should be vented outside.
	Room temperature is too low.	Moisture removal is best at higher room temperatures. Lower room temperatures will reduce the moisture removal rate. This model is designed to operate at temperatures above 41°F.
Dehumidifier runs too much	The area to be dehumidified is too large.	The capacity of your dehumidifier may not be adequate for the room size.
	Doors and windows are open.	Close all doors and windows to the outside.
Frost appears on the coils	The dehumidifier has recently been turned on or the room temperature is below 41°F.	This is normal. Frost will usually disappear within 60 minutes.
Controls cannot be set	The compressor will turn off and the fan will automatically continue to run for approximately 3 minutes at a fixed setting.	This is normal. Wait approximately 3 minutes and set the fan speed at the desired level.
Fan Noise	Air is moving through the unit.	This is normal.
Water on the floor	Hose connection may be loose.	Check the hose connection. See the Drainage Section on **Page 7**
	Hose is attached but not draining into a drain	Disconnect the hose if using the bucket or place the hose near a drain.

WARRANTY

One Year Limited Warranty

Soleus International, Inc. warrants the accompanying Soleus Air Powered by Gree Dehumidifier to be free of defects in material and workmanship for the applications specified in its operation instruction for a period of ONE (1) year from the date of original retail purchase in the United States.

If the unit exhibits a defect in normal use, Soleus International will, at its option, either repair or replace it, free of charge within a reasonable time after the unit is returned during the warranty period.

As a condition to any warranty service obligation, the consumer must present this Warranty Certificate along with a copy of the original purchase invoice.

THIS WARRANTY DOES NOT COVER:

- Damage, accidental or otherwise, to the unit while in the possession of a consumer not caused by a defect in material or workmanship.
- Damage caused by consumer misuse, tampering, or failure to follow the care and special handling provisions in the instructions.
- Damage to the finish of the case, or other appearance parts caused by wear.
- Damage caused by repairs or alterations of the unit by anyone other than those authorized by Soleus International Inc.
- Freight and Insurance cost for the warranty service.
- Filter and Accessories

ALL WARRANTIES, INCLUDING ANY IMPLIED WARRANTY OF MERCHANT ABILITY ARE LIMITED TO ONE-YEAR DURATION OF THIS EXPRESS LIMITED WARRANTY**. SOLEUS INTERNATIONAL INC.** DISCLAIMS ANY LIABILITY FOR CONSEQUENTIAL OR INCIDENTAL DAMAGES AND IN NO EVENT SHALL SOLEUS INTERNATIONAL INC'S LIABILITY EXCEED THE RETAIL VALUE OF THE UNIT FOR BREACH OF ANY WRITTEN OR IMPLIED WARRANTY WITH RESPECT TO THIS UNIT.

This warranty covers only new products purchased from our authorized dealers or retailers. It does not cover used, salvaged, or refurbished products.

As some states do not allow the limitation or exclusion of incidental or consequential damages, or do not allow limitation on implied warranties, the above limitations and exclusions may not apply to you. This warranty gives you specific legal rights, and you may also have other rights that vary from state to state.

For Technical Support and Warranty Service
Please Call (888) 876-5387

Or Write To:
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